

Getting Started with the PSS Data

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Module Objectives

- Introduce users to the data collected through the 2011-12 PSS and the resulting micro-level data files
- Describe public-use data available: reports, tables, EISi
- Describe the resources available to learn more about the survey data documentation and data files

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Collecting Data for the 2011-12 PSS

- Questionnaire completed by one respondent at each private school:
 - Principal
 - Assistant/Vice Principal
 - Administrative employee
- Data were collected by online or [paper questionnaire](#) or telephone interview
- The module '[Data Collected Through the Private School Universe Survey](#)' describes the range of topics covered in PSS in more detail and provides information about the frame and derived variables that are available for analysis

U.S. DEPARTMENT OF EDUCATION
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BUREAU OF ECONOMIC ANALYSIS
U.S. STATISTICAL SERVICE

**PRIVATE SCHOOL SURVEY
2011-12 SCHOOL YEAR**

PLEASE NOTE:
The 2011-12 Private School Survey is intended to include all private -

► **SCHOOLS that teach ANY of the following -**

- At least one of grades 1 - 12
- Ungraded students between 5 and 18 years old
- Kindergarten - traditional year of school primarily for 5-year-olds prior to first grade
- Transitional (or readiness) kindergarten - entry year of school for kindergarten-age children who are judged not ready for kindergarten
- Transitional first (or prefirst) grade - entry year of school for children who have attended kindergarten but have been judged not ready for first grade

► **EARLY CHILDHOOD PROGRAMS AND DAY CARE CENTERS that have ANY of the following -**

- Kindergarten
- Transitional (or readiness) kindergarten
- Transitional first (or prefirst) grade

For example:
An early childhood center that has a nursery school, a prekindergarten program, and a kindergarten would be eligible for this survey, since it includes a kindergarten.
But an early childhood center that has a nursery school and a prekindergarten program ONLY would NOT be eligible for this survey, since it does not include a kindergarten. This would mark Item 2 on Item 2b.

PLEASE CONTINUE WITH ITEM 1 ON PAGE 3.

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Data File Basics: Public-use Descriptive Statistics

- Public-use descriptive statistics are available in
 - [Reports](#)
 - [Tables](#)
 - Elementary/Secondary Information System [EISI](#)
- Raw data are available in public-use format that requires use of a statistical software package for proper analysis
- Questionnaire responses are available on the public-use data file with all responses reported except the number of high school graduates

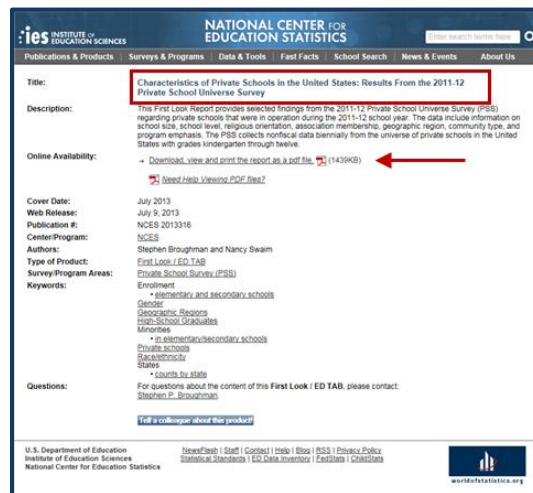
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Accessing PSS Public-use Descriptive Statistics in Reports

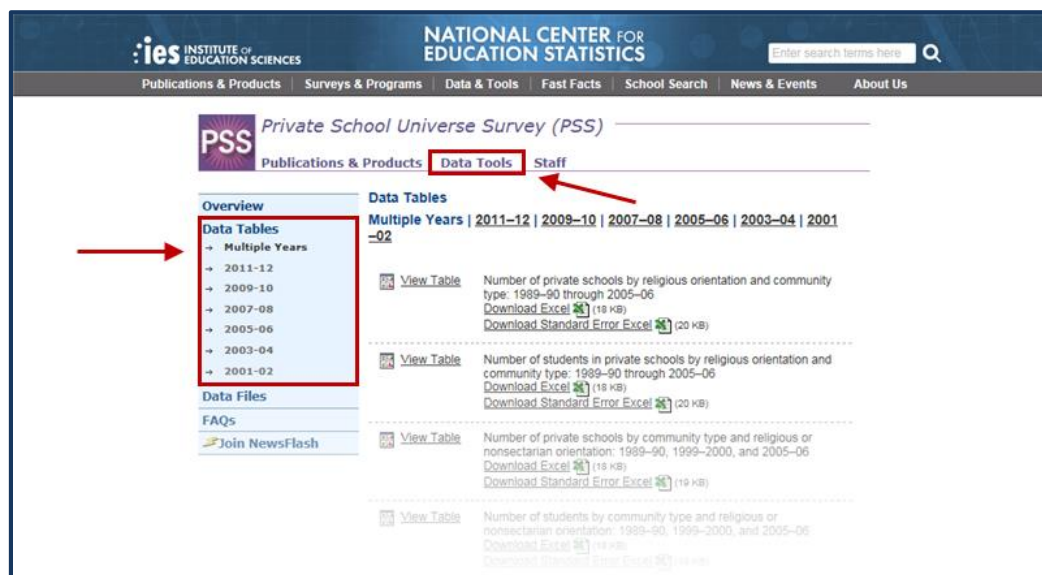
Characteristics of Private Schools in the United States: Results From the 2011-12 Private School Universe Survey

- Selected findings, data tables, standard error tables, technical summary



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Accessing PSS Public-use Descriptive Statistics in Tables



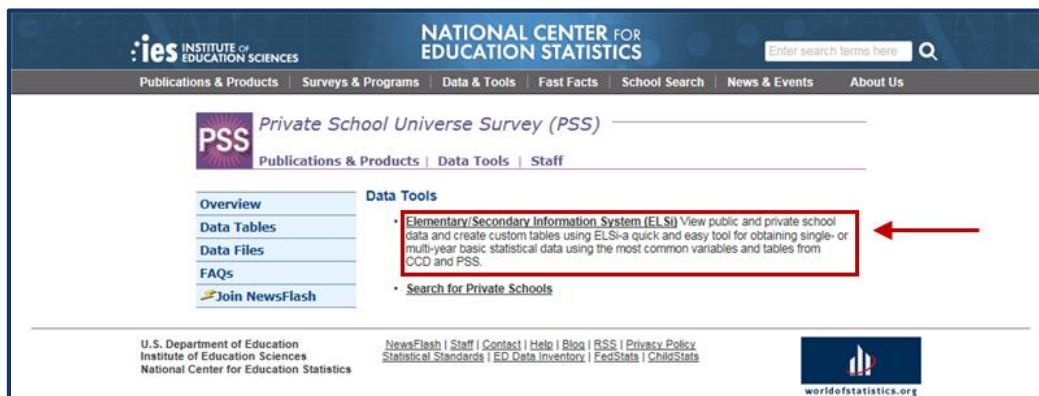
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Accessing PSS Public-use Descriptive Statistics in EISi

Elementary/Secondary Information System ([EISi](#))

- Allows users to view public and private school data
- Allows users to create custom tables and charts from PSS data



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Accessing PSS Public-use Descriptive Statistics in EISi (Continued)

Search published tables and create custom tables and analyses through:

- *quickFacts*
- *expressTables*
- *tableGenerator*



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Using *quickFacts*

The screenshot shows the EISI *quickFacts* interface. At the top, there are links for [Help/Tutorial](#), [About the Data](#), and a dropdown for **EISI Options**. Below this, there are two main selection sections: **Select a Level** with a dropdown set to "Private School", and **Select a Characteristic** with a dropdown set to "Total Enrollment". Under **Select a Year**, a dropdown is set to "2011-12". The **Select a School** section features a search bar with "Name" and a list of schools. The first school, "GRIMSBY JESUS NAME CHRSTN SCH", is highlighted in green. Other visible schools include "MURPHYSBORO (IL)", "HOLY FAMILY HOLY NAME SCHOOL", "NEW BEDFORD (MA)", "HOLY NAME CATHOLIC SCHOOL", "SHERIDAN (WY)", and "HOLY NAME CATHOLIC SCHOOL".

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Using *expressTables*

The screenshot shows the EISI *expressTables* interface. At the top, there are links for [Help/Tutorial](#), [About the Data](#), and a dropdown for **EISI Options**. Below this, there are two main selection sections: **Select a Level** with a dropdown set to "Private School", and **Select a Table** with a dropdown set to "Private School Characteristics". A link for [Hide Filter Selections](#) is visible. The filter section includes: **State:** a dropdown set to "Virginia"; **County:** a dropdown set to "Henrico" with a red box highlighting the selection; **Zip Code:** an empty text field; **Distance:** a dropdown set to "0 miles"; and **Year:** a dropdown set to "2011-12". A **View Table** button is present, along with links for [Clear Filters](#) and [Help with filters](#).

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Using *tableGenerator*

The screenshot shows the ESI *tableGenerator* interface. At the top, there's a header with the ESI logo, navigation links (Help/Tutorial, About the Data, Table ID: [input], Go, ESI Options), and a status bar (Table Generator Results, Total result count: 26517 (Displaying 1 - 100), Modify, Save, Export Excel, Export CSV). Below the header, there's a pagination section (Go To Page: 1 of 266, Next Page) and a link to 'Show Filters Applied To This Table'. A link to 'View glossary of your selected data columns' is also present. The main table has two columns: 'Private School Name' and 'State Name [Private School] Latest available year'. The table lists 10 schools and their corresponding states.

Private School Name	State Name [Private School] Latest available year
"CHILDREN ""R"" US CHILD DEVEL	CALIFORNIA
123 YOU N ME PRESCHOOL	ILLINOIS
1ST BAPTIST CHURCH PRESCHOOL	ARKANSAS
1ST CEREBRAL PALSY OF NJ	NEW JERSEY
1ST CLASS MONTESSORI	TENNESSEE
1ST CLASS MONTESSORI PRESCHOOL	TENNESSEE
1ST UNITED METHODIST PRESCHOOL	NORTH CAROLINA
2450 CHILDCARE INC DBA HAPPY D	INDIANA
63RD ST MULTICULTURAL ACAD OF	PENNSYLVANIA
91ST PSALM CHRISTIAN SCHOOL	ARIZONA
A & B CHRISTIAN SCHOOL	TEXAS
A B C LITTLE SCHOOL	CALIFORNIA

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PSS Public-use Data Files

The screenshot shows the PSS Private School Universe Survey (PSS) website. The header includes the ESI logo, navigation links (Publications & Products, Surveys & Programs, Data & Tools, Fast Facts, School Search, News & Events, About Us), and a search bar. The main content area is titled 'PSS Private School Universe Survey (PSS)' and includes links to 'Publications & Products', 'Data Tools', and 'Staff'. There are two main sections: 'Overview' (Data Tables, Data Files, FAQs, Join NewsFlash) and 'Data and Documentation'. The 'Data and Documentation' section contains a list of links for each year (2011-12, 2009-10, 2007-08) and a table of data files and documentation.

Year	Data			Documentation			
	SAS	SPSS	TXT	General	File Layout	Questionnaire	Codebook
2011-12	ZIP (5.0 MB) SAS File	ZIP (5.4 MB) SPSS File	ZIP (4.3 MB) Text File	PDE (1.1 MB) Documentation	ZIP (18 KB) Excel File	PDE (229 KB) Word File	PDE (576 KB) ZIP (569 KB) Word File
	ZIP (12 KB) SAS Syntax	ZIP (10 KB) SPSS Syntax					
2009-10	ZIP (5.5 MB) SAS File	ZIP (5.0 MB) SPSS File	ZIP (4.0 MB) Text File	PDE (945 KB) Documentation	ZIP (18 KB) Excel File	PDE (128 KB) Word File	PDE (415 KB) ZIP (172 KB) Word File
	ZIP (14 KB) SAS Syntax	ZIP (11 KB) SPSS Syntax					
2007-08	ZIP (5.4 MB) SAS File	ZIP (5.3 MB) SPSS File	ZIP (4.8 MB) Text File	PDE (974 KB) Documentation	ZIP (18 KB) Excel File	PDE (110 KB) Word File	PDE (110 KB) ZIP (110 KB) Word File
	ZIP (14 KB) SAS Syntax	ZIP (11 KB) SPSS Syntax					

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Data File Basics: Restricted-use Descriptive Statistics

- Restricted-use data are available to researchers with a restricted-use license
- Raw data are available in restricted-use format that requires use of a statistical software package for proper analysis
- All questionnaire responses are available as reported on the restricted-use file
- Researchers who are uncertain of which data file is right for their analytic purposes should first examine the public-use descriptive statistics provided in EISi

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Major Differences Between Public-use and Restricted-use Data

- Public-use data (accessible via EISi) allow users to generate custom tables with some limitations
- Public-use data files allow the user to manipulate response categories and combine items into new variables, but do not contain the number of high school graduates
- Restricted-use data files allow the user to manipulate response categories and combine items into new variables and contain all of the variables

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Accessing the 2011-12 PSS Restricted-use Data Files DVD

- Apply for a [Restricted-use Data Licenses](#)
- Additional security measures apply when using restricted-use data

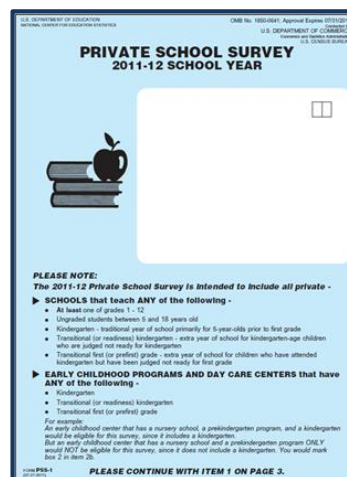


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Contents of the 2011-12 PSS Restricted-use Data Files DVD

Contains:

- README file
- Data files in ASCII, SAS, and SPSS
- Syntax code for SAS and SPSS
- PDFs of questionnaires
- Data File User's Manual



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PSS Variable Naming Convention

- Questionnaire variables start with the alphabetic prefix letter “P”
- After the prefix letter, a three-digit code called the source code completes the variable name
- Each source code is assigned to a particular questionnaire item response
- There may be one or more source codes for any given questionnaire item – check the PDF of the questionnaire

q. 12th	2 <input type="checkbox"/> No	
6. What was the total number of students enrolled in this school or program around the first of October? 🍏 Please sum lines 5(a) through 5(q).		<div>305</div> <div>Students</div>

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Variable Labels

Short text is used as a brief variable label name

q. 12th	2 <input type="checkbox"/> No	
6. What was the total number of students enrolled in this school or program around the first of October? 🍏 Please sum lines 5(a) through 5(q).		<div>305</div> <div> <div>P305</div> <div>Students</div> </div>

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Frame and Derived Variables

- Frame variables come from the 2009-11 PSS file or 2010-11 PSS sampling frame update
 - PPIN (school's permanent identification number)
 - PZIP (ZIP code of the school's mailing address)
- Derived variables are recoded variables or variables based on more than one questionnaire item
 - Alphabetic (no source code numbers)

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Imputation

- PSS data are fully imputed – this means all data records contain a response for each questionnaire item
- Each item from the PSS questionnaires will be represented by two variables in the PSS data files
 - The fully imputed questionnaire variable
 - The imputation flag variable
- Imputation flag example:
 - F_P250 questionnaire item 250
- Imputation flag value:
 - 0 – No imputations were necessary
 - 4 – Imputed using hot deck imputation
 - 5 – Imputed based on post-imputation review

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Weighting Variables

- The selection of the geographic areas in the dual frame approach introduces a probabilistic element to the PSS, which is accounted for by sampling weights for the area frame cases
 - Even though PSS is a universe study, analysts will need to use sampling weights to account for the probabilistic nature of the area frame and the nonresponse adjustment
- Final weight variable: PFNLWGT
- Replicate weight variables: REPW1 – REPW88

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Other PSS Resources

- [NCES Online Bibliography Search Tool](#)
- [Data File User's Manual](#)

The screenshot shows the 'BIBLIOGRAPHY SEARCH TOOL' interface. It includes a search box for 'Search Word(s)', checkboxes for 'Title' (checked) and 'Abstract', and radio buttons for 'And', 'Or', and 'Exact Match'. Below these are dropdown menus for 'Data Source' (labeled 'Select Data Source (optional)'), 'Reference Type' (labeled 'Select Reference Type (optional)'), and 'Journal'. There are also 'From' and 'To' dropdowns for 'Publication Year'. At the bottom are 'Search' and 'Reset' buttons.

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Module Summary and Resources

Summary

- Introduce users to the data collected through the 2011-12 PSS and the resulting micro-level data files
- Describe public-use data available: reports, tables, EISi
- Describe the resources available to learn more about the survey data documentation and data files

Resources

- | | |
|---|--|
| • Paper Questionnaire | • Characteristics of Private Schools in the United States: Results From the 2011-12 Private School Universe Survey |
| • Data Collected Through the Private School Universe Survey | • Public-use Data Files |
| • Reports | • Restricted-use Data Licenses |
| • Tables | • Online Bibliography Search Tool |
| • EISi | • Data File User's Manual |